

Busway Systems Overview

GENERAL

Selector Chart (20-6500 Ampere)

I-T-E was the first manufacturer to make a Busway System then known as Bulldog Electric. Since its introduction in

1932, Busway Systems have improved and expanded into several designs to meet the ever changing needs of the

electrical industry. The Busway Selection Chart below will help you in selecting the proper product to fit your requirements.

Busway Selector Chart

20-6500 Ampere

600 Volts or Less

Feature		Product					
		Bustribution Plug-in and Feeder Busway					
		Siemens Sentron Plug-in/Feeder	Sentron Low Amp	XL-U Plug-in Feeder	XJ-L Plug-in	BD Plug-in	Industrial Trol-E-Duct
Ampere Rating	100				✓		✓
	150						✓
	200				✓		✓
	225	✓	✓	✓		✓	✓
	375						✓
	400	✓	✓	✓		✓	✓
	500						✓
	600	✓	✓	✓		✓	✓
	800	✓	✓	✓		✓	✓
	1000	✓		✓		✓	
	1200	✓		✓		✓	
	1350	✓		✓		✓	
	1600	✓		✓		✓	
	2000	✓		✓			
	2500	✓		✓			
	3000	✓		✓			
	4000	✓		✓			
	5000	✓		✓			
	6000, 6500			✓			
Conductor	Copper	✓	✓	✓	✓	✓	✓
	Aluminum	✓	✓	✓	✓	✓	
Use	Indoor	✓		✓	✓	✓	✓
	Outdoor	✓		✓			
AC Service	2W						✓
	1Ø3W		✓				✓
	3Ø3W	✓	✓	✓	✓	✓	✓
	3Ø4W FN	✓	✓	✓	✓	✓	✓
	3Ø4W 200% N	✓	✓		✓		
DC Service	2-W	✓		✓		✓	✓
	3-W	✓		✓			✓
Voltage	125						
	250						
	300						
Construction	600 volts or less	✓	✓	✓	✓	✓	✓
	Ventilated			✓			
	Non-Ventilated	✓	✓	✓	✓	✓	
Meets Electrical Standard	ANSI UL857-1996 ^①		✓	✓	✓	✓	✓
	NEMA BU1-1999	✓	✓	✓	✓		
	IEEE STD27 (ANSI 37.20)	✓	✓	✓		✓	
	NO O-M1982	✓	✓	✓	✓	✓	
	NO 0.4-M1982	✓	✓	✓	✓	✓	
	NO *4-M1985	✓	✓	✓	✓	✓	
	NO 27-1973	✓	✓	✓	✓	✓	✓
	IEC 60439-1	✓	✓	①	①	①	
	IEC 60439-2	✓	✓	①	①	①	
	PUBL. 144	✓	✓	①	①	①	
	BS 5486-Part 2: 1988	✓	✓	①	①	①	
	BS 159 (1972)	✓	✓	①	①	①	
	JIS C8364	✓	✓	①	①	①	
	400 Hz ^②		✓	✓		✓	✓
	D.C. ^③	✓	✓	✓	✓		
	NEC-1993 ^③	✓	✓	✓	✓	✓	✓
	NEMA G8-2, 1972, Part 14	✓	✓	✓	✓	✓	✓



① Meets most applicable provisions of this foreign standard.

② Used on both DC and 400Hz applications. Consult factory for information.

③ When busway is installed per manufacturer's recommendations, Siemens busway meets all applicable portions.